

4-2334878-4  ACTIVE

## QSFP56

TE Internal #: 4-2334878-4

QSFP56 to SFP+ Cable Assembly, 16 Positions, 6.56 ft [2 m], 56 Gb/s, Black Cable, Shielded, 26 AWG, .129 mm<sup>2</sup>, Madison TurboTwin - Round Jacketed

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Cable Assemblies > Copper Cable Assemblies > Pluggable I/O Cable Assemblies > QSFP56-Four SFP56 Cable Assembly: 26 AWG



Cable Assembly Type: [QSFP56 to SFP+](#)

Equalized: **No**

Wire Size: **.129 mm<sup>2</sup>**

Outside Cable Diameter: **5.96 mm [ .235 in ]**

[All QSFP56-Four SFP56 Cable Assembly: 26 AWG \(6\)](#)

## Features

### Product Type Features

Cable Assembly Category	High Speed, Industry Standard
Cable Assembly Type	QSFP56 to SFP+
Connector Type (End A)	QSFP56 Plug
Connector Type (End B)	SFP+ Plug
Cable Style	Madison TurboTwin - Round Jacketed

### Configuration Features

Number of Positions	16
Number of Pairs	8
Number of Signal Positions	16

### Electrical Characteristics

Impedance	100 Ω
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### Signal Characteristics

Data Rate	56 Gb/s
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### Body Features

Equalized	No
Cable Color	Black
Cable Flammability Rating	CL2

### Dimensions

Wire Size	.129 mm <sup>2</sup>
Outside Cable Diameter	5.96 mm [.235 in]

### Operation/Application

Shielded	Yes
Halogen Free	No

### Other

Cable Assembly Length	2 m [6.56 ft]
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### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://TE.com)>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: MCCP (1.8% in Component Part) <small>Article Safe Usage Statements: Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</small>
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides

on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Compatible Parts



TE Part # CAT-Z8-P6507  
zSFP+ Stacked Cage Assembly: Gasket



TE Part # CAT-SF59-C117ST123  
SFP+ Stacked Cage Assemblies



TE Part # CAT-Z8-P650632  
zSFP+ Cage Assembly: EMI Springs



TE Part # CAT-Z8-P650796  
zSFP+ Stacked Cage Assembly: EMI Spring



TE Part # 2170705-7  
CAGE ASSY, QSFP28 1X1, SPRING,  
HS, LP



TE Part # 2170747-6  
CAGE ASSY, 1X4, QSFP28, SPRING,  
HS, LP



TE Part # 2170806-5  
CAGE ASSEMBLY, 1X2, QSFP28,  
SPRING, HS



TE Part # 2-2170747-2  
CAGE ASSY, 1X4, QSFP28, SPRING,  
HS, LP



TE Part # 2007135-1  
SFP+ 1x4 CageAssembly w/ EMI  
gasket



TE Part # 2170704-2  
CAGE ASSY, QSFP28 1X1, SPRING, HS



TE Part # 2227103-2  
1X2 CAGE ASSY BHND BZL QSFP28



TE Part # 2007180-1  
SFP+ 1X2 CAGE ASSM/LIGHTPIPE,  
EMI GASKET



TE Part # 2227103-1  
1X2 CAGE ASSY BHND BZL QSFP28



TE Part # 2007254-1  
SFP+ 1x1 Cage Assembly, Light Pipe



TE Part # 2198230-2  
SFP+ Enhanced 1x2, SAN Heatsink



TE Part # 2198230-1  
SFP+ Enhanced 1x2, PCI Heatsink



## Also in the Series | [QSFP56](#)



## Customers Also Bought



## Documents

### Product Drawings

[QSFP TO \[4\]SFP 56GIG 26AWG 2 METER](#)

English

### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_4-2334878-4\\_A.2d\\_dxf.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_4-2334878-4\\_A.3d\\_igs.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_4-2334878-4\\_A.3d\\_stp.zip](#)

English

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## Product Specifications

### Product Specification

English

### Product Specification

English